

JUL-11-02 04:49pm From-



T-000 P.02/06 F-622

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	Attorney Docket Number	OSU1159-143C
	First Named Inventor	Rizzoni et al.
	COMPLETE IF KNOWN	
	Application Number	10 039,634
	Filing Date	November 9, 2001
	Group Art Unit	
<input type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		

As a below named inventor, I hereby declare that  
My residence, post office address, and citizenship are as stated below and to my knowledge.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MODEL-BASED FAULT DETECTION AND ISOLATION SYSTEM AND METHOD**  
(Title of the invention)

the specification of which  
☐ is attached hereto  
OR  
☒ was filed on (MM/DD/YYYY) 11/09/2001 as United States Application Number or PCT International Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.86 including for continuous-in-part applications, material information which becomes available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 35(b)(3) of any foreign application(s) for patent or inventor's certificate, or 35(b)(3) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application (for patent or inventor's certificate, or of any PCT international application) having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.  
☒ I hereby claim the benefit under 35 U.S.C. 119(e) of one United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/247,289 60/247,840	11/09/2000

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 2)  
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## DECLARATION — Utility or Design Patent Application

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1 001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Giorgio				Family Name or Surname Rizzoni	
Inventor's Signature				Date	
Residence: City Upper Arlington		State Ohio		Country USA	
Citizenship Italy					
Mailing Address 1938 Concord Road					
Mailing Address					
City Upper Arlington		State Ohio		ZIP 43212	
Country USA					
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Ahmed				Family Name or Surname Soliman	
Inventor's Signature				Date	
Residence: City Upper Arlington		State Ohio		Country USA	
Citizenship Egypt					
Mailing Address 1834 Elmwood Avenue					
Mailing Address					
City Upper Arlington		State Ohio		ZIP 43212	
Country USA					
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Pierluigi		Pisu	
Inventor's Signature		Date	
Residence: City Columbus		State Ohio	Citizenship Italy
Mailing Address 1170 Chambers Road, Apt. 5B			
Mailing Address			
City Columbus		State Ohio	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Sankar S.		Ambedkar	
Inventor's Signature		Date 07/15/02	
Residence: City Ann Arbor		State MI	Citizenship USA
Mailing Address 1888 Briar Ridge Drive			
Mailing Address			
City Ann Arbor		State MI	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Brian T.		Murray	
Inventor's Signature		Date 7/15/02	
Residence: City Novi		State MI	Citizenship USA
Mailing Address 40710 Hemetbrook			
Mailing Address			
City Novi		State MI	Country USA

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	Group Art Unit	
<input type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MODEL-BASED FAULT DETECTION AND ISOLATION SYSTEM AND METHOD**

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **11/09/2001** as United States Application Number or PCT International Application Number **60/247,849** and was amended on (MM/DD/YYYY) **11/09/2000** (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/247,849	11/09/2000	

(Page 1 of 2)

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## DECLARATION — Utility or Design Patent Application

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Correspondence address below

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Address

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State

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Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1 001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Giorgio

Family Name

or Surname Rizzoni

Inventor's  
Signature

Date

Residence: City Upper Arlington

State Ohio

Country USA

Citizenship Italy

Mailing Address 1938 Concord Road

Mailing Address

City Upper Arlington

State Ohio

ZIP 43212

Country USA

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) Ahmed

Family Name

or Surname Soliman

Inventor's  
Signature

Date

7/8/02

Residence: City Upper Arlington

State Ohio

Country USA

Citizenship Egypt

Mailing Address 1834 Elmwood Avenue

Mailing Address

City Upper Arlington

State Ohio

ZIP 43212

Country USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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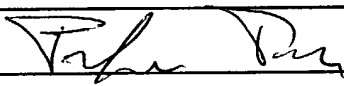
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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
--------------------	---

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name (first and middle (if any))</b>		<b>Family Name or Surname</b>	
Pierluigi		Pisu	
<b>Inventor's Signature</b> 		<b>Date</b> 07/10/02	
<b>Residence: City</b> Columbus	<b>State</b> Ohio	<b>Country</b> USA	<b>Citizenship</b> Italy
<b>Mailing Address</b> 1170 Chambers Road, Apt. 5B			
<b>Mailing Address</b>			
<b>City</b> Columbus	<b>State</b> Ohio	<b>ZIP</b> 43212	<b>Country</b> USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name (first and middle (if any))</b>		<b>Family Name or Surname</b>	
Sanket S.		Amberkar	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> Ann Arbor	<b>State</b> MI	<b>Country</b> USA	<b>Citizenship</b> USA
<b>Mailing Address</b> 1888 Briar Ridge Drive			
<b>Mailing Address</b>			
<b>City</b> Ann Arbor	<b>State</b> MI	<b>ZIP</b> 48108	<b>Country</b> USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name (first and middle (if any))</b>		<b>Family Name or Surname</b>	
Brian T.		Murray	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> Novi	<b>State</b> MI	<b>Country</b> USA	<b>Citizenship</b> USA
<b>Mailing Address</b> 40710 Heatherbrook			
<b>Mailing Address</b>			
<b>City</b> Novi	<b>State</b> MI	<b>ZIP</b> 48375	<b>Country</b> USA

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